

Web Solutions Inspire Cloud Computing Software



Ames Research Center

***Rackspace Inc.
San Antonio, TX***

NASA Technology

- ◆ NASA wanted to develop an infrastructure service to connect all of the agency's websites.
- ◆ The solution was to develop a cloud computer service, which allows a person to login to a system and access any number of computers, devices, or services from it.



Technology Transfer

- ◆ NASA and Rackspace, which runs the second largest public cloud in the world, shared common goals and decided to collaborate to build the system, which became known as OpenStack.
- ◆ OpenStack was created without any proprietary code and has been released as open source software, free for use and modification by anyone.

Benefits

- ◆ The technology is generating hundreds of millions in revenue; Rackspace alone currently takes in \$150 million a year.
- ◆ Hundreds of jobs have been created by companies using this open source system, which has spun off into its own nonprofit organization.